



National Weather Service

Storm Data and Unusual Weather Phenomena



January 1999

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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INDIANA, Southeast

INZ050-058>059-066-073>074 **Wayne - Fayette - Union - Franklin - Ripley - Dearborn**

01	2200EST				0	0			Winter Storm
02	2200EST								

A major winter storm affected East-Central and Southeastern Indiana. Snow fell at the rate greater than 1 inch an hour at times leaving accumulations ranging from 4 to 8 inches across the area with some local 10 inch amounts around Richmond. The snow had changed to a mixture of sleet and freezing rain by the afternoon hours with some ice accumulations occurring.

INZ050-058>059-066-074 **Wayne - Fayette - Union - Franklin - Dearborn**

07	2200EST				0	0			Winter Storm
09	0600EST								

A weak low pressure system brought wintry precipitation to southeast and east-central Indiana. The precipitation began as a period of snow with accumulations of 2 to 3 inches. After a brief break, freezing rain began with significant ice accumulations occurring.

INZ050-058>059-066 **Wayne - Fayette - Union - Franklin**

13	0900EST				0	0			Winter Storm
14	0700EST								

A low pressure system brought abundant moisture into the Ohio Valley. At the same time, a large arctic high pressure system forced cold air in the low levels southward. What began as rain changed to freezing rain, with from one-quarter to one-half inch of ice accumulation occurring. The freezing rain eventually mixed with sleet with up to one-half inch of accumulation occurring.

Wayne County
Countywide

21	2040EST				0	0			Hail (1.75)
	2045EST								

Fayette County
North Portion

21	2200EST				0	0			Flood
22	0100EST								

Heavy rainfall caused numerous roads to be damaged or washed out.

Union County
North Portion

21	2200EST				0	0			Flood
22	0100EST								

Heavy rain caused numerous roads to be flooded.

Wayne County
Countywide

22	0038EST				0	0			Flood
	0340EST								

Heavy rainfall estimated to be from 3 to 5 inches fell in only a few hours on already saturated ground. Numerous roads were closed and a few were washed out by flood waters. Evacuations of 15 people occurred.

INZ058>059

Fayette - Union

22	0300EST				2	0			Flood
23	2000EST								

The West Fork of the Whitewater River at Alpine rose out of its banks reaching a crest of 14.6 feet. Flood stage was 12.0 feet. The flooding was confined to low lying agricultural areas in the southern part of the county.

The East Fork of the Whitewater River also flooded due to heavy rainfall that fell to the north. Two people were killed when they drove their vehicle across a flooded roadway.

F28VE, F2VE

KENTUCKY, Northern

KYZ091>093

Boone - Kenton - Campbell

02	0300EST				0	0			Winter Storm
	1000EST								

A major winter storm affected northern Kentucky during the morning hours on the 2nd with the snow falling at the rate of 1 inch an hour at times. By the late morning hours, the snow had accumulated around 4 inches with some locally higher amounts. The snow changed to a light mixture of sleet and freezing rain toward noon.



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Killed	Injured										

OHIO, Southwest

OHZ026-034>035-
042>046-051>056-
060>065-070>074-
077>080

Hardin - Mercer - Auglaize - Darke - Shelby - Logan - Union - Delaware - Miami - Champaign - Clark - Madison - Franklin - Licking - Preble - Montgomery - Greene - Fayette - Pickaway - Fairfield - Butler - Warren - Clinton - Ross - Hocking - Hamilton - Clermont - Brown - Highland

01	2200EST	0	0	Winter Storm
02	2200EST			

A major winter storm affected much of Ohio beginning late on the 1st and continuing through much of the 2nd. Heavy snow fell initially with some areas receiving greater than 1 inch an hour rates. Some thunder was reported with some of the heaviest snow around Cincinnati and Dayton. By early afternoon on the 2nd, much of the snow had changed to a mixture of sleet and freezing rain. However, by that point the snow had accumulated from 6 to 8 inches with local 10 inch amounts around and north of Dayton and Columbus. Accumulations around Cincinnati generally ranged from 4 to 6 inches.

OHZ026-034>035-
042>046-051>056-
060>065-070>074-
077>078-080

Hardin - Mercer - Auglaize - Darke - Shelby - Logan - Union - Delaware - Miami - Champaign - Clark - Madison - Franklin - Licking - Preble - Montgomery - Greene - Fayette - Pickaway - Fairfield - Butler - Warren - Clinton - Ross - Hocking - Hamilton - Clermont - Highland

07	2200EST	0	0	Winter Storm
09	0600EST			

A weak low pressure system brought an area of wintry precipitation to parts of central and southern Ohio. The precipitation began as a period of snow with 2 to 4 inches of accumulation occurring. After a period with no precipitation, freezing rain began with some significant ice accumulation occurring.

OHZ026-034>035-
042>046-051>056-
060>065-070>072-074

Hardin - Mercer - Auglaize - Darke - Shelby - Logan - Union - Delaware - Miami - Champaign - Clark - Madison - Franklin - Licking - Preble - Montgomery - Greene - Fayette - Pickaway - Fairfield - Butler - Warren - Clinton - Hocking

13	0300EST	0	0	Winter Storm
14	0700EST			

A low pressure system brought abundant moisture northward from the Gulf of Mexico. At the same time, an arctic high pressure system forced low level cold air southward. The rain changed to freezing rain first across the northern Miami Valley where up to 1 inch of ice accumulation occurred. Then, the freezing rain changed to snow with 3 to 6 inches of accumulation occurring. Around Dayton and Columbus, the rain changed to freezing rain with up to 1/2 inch of ice accumulation occurring. Eventually, the freezing rain changed to sleet with up to 1/2 inch of accumulation occurring.

Champaign County **St Paris**

21	2200EST	0	0	Flood
22	0300EST			

Heavy rainfall caused roads to be flooded.

Fairfield County **Pleasantville**

21	2300EST	2	1	Flood
22	0200EST			

Heavy rain washed out part of Highway 188. Two cars fell into the washed out area with one person being injured and two killed. F3VE, F23VE

Union County **Countywide**

21	2300EST	0	0	Flood
22	0300EST			

Heavy rain caused roads to be flooded.

Darke County **South Portion**

22	0020EST 0350EST	0	0	Flood
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Several hours of very heavy rainfall caused roads to be flooded. Maple Swamp creek flooded out of its banks causing 18 people to be evacuated and 8 homes to be flooded.

Preble County **New Paris**

22	0045EST 0350EST	0	0	Flood
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Heavy rainfall caused roads to be closed and washed out. Evacuations occurred due to high water entering houses.

Miami County **Troy**

22	0050EST 0350EST	0	0	Flood
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More than 3 inches of rain fell in only a few hours causing creeks and streams to rise out of their banks. Many roads and neighborhoods were flooded and a few buildings and homes were flooded.



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					Killed	Injured	Property	Crops	

OHIO, Southwest

Shelby County

Countywide	22	0053EST 0350EST			0	0			Flood
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Heavy rainfall caused many roads and homes to be flooded. Evacuations of 75 people occurred.

OHZ077

Hamilton

	23	0200EST			0	0			Flood
	24	1800EST							

The Great Miami River came out of its banks around Miamitown and crested at an estimated 19.0 feet at 100 am on the 24th.

Flood stage is 16.0 feet. The high water affected low land areas near the river and some cottages along the river near Miamitown.

OHZ064-082-088

Pickaway - Pike - Scioto

	23	0445EST			0	0			Flood
	24	1800EST							

The Scioto River came out of its banks at Circleville and Piketon. At Circleville, the river crested at 14.3 feet at noon on the 23rd.

Flood stage is 14.0 feet. The flooding was limited to bottomland areas along the river near Circleville. At Piketon, the river crested at an estimated 18.5 feet at noon on the 24th. Flood stage is 18.0 feet. Backwater flooding occurred along area creeks in southern Pike and and along Scioto Brush Creek in northern Scioto county.

OHZ054>055-064

Madison - Franklin - Pickaway

	24	0013EST 0600EST			0	0			Flood
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The Big Darby Creek came out of its banks causing minor flooding along the banks.